Title (en)

Method and Device for failure-free LTE-PDCCH decoding

Title (de)

Verfahren und Vorrichtung zur Fehlerfreien Dekodierung von LTE-PDCCH

Title (fr)

Procédé et dispositif pour un décodage sans faute du canal de commande de liaison descendante physique d'un système de communication de type LTE

Publication

EP 2182689 B1 20140618 (EN)

Application

EP 09174645 A 20091030

Priority

KR 20080107684 A 20081031

Abstract (en)

[origin: EP2182689A2] A Downlink Control Information (DCI) processing device and method, for a wireless communication system, encodes or decodes downlink control information based on payload size. The method includes determining the payload size of a first DCI format; and determining a payload size of a second DCI format by appending padding bits to the second DCI format until the payload size of the second DCI format is not ambiguous and is not equal to the payload size of the first DCI format.

IPC 8 full level

H04L 1/00 (2006.01); **H04L 1/18** (2006.01); **H04L 27/26** (2006.01); H04L 5/00 (2006.01)

CPC (source: EP KR US)

H04L 1/0003 (2013.01 - KR); **H04L 1/0005** (2013.01 - US); **H04L 1/003** (2013.01 - KR); **H04L 1/0038** (2013.01 - EP KR US); **H04L 1/1812** (2013.01 - EP US); **H04L 5/0046** (2013.01 - KR US); **H04L 5/0053** (2013.01 - EP KR US); **H04L 5/0091** (2013.01 - EP US); **H04L 27/2602** (2013.01 - EP KR US); H04L 1/0003 (2013.01 - EP US)

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CN102340744A; CN102378117A; CN110048804A; KR20140133920A; CN109479247A; EP2807778A4; EP2675198A4; EP3179752A1; WO2013138389A3; WO2012019551A1; US11558144B2; WO2021102462A1; US9924498B2; US10827467B2; US11445451B2; WO2013112017A1; US10039088B2; US10652875B2; US11172480B2; US11659570B2

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO SE SI SK SM TR

DOCDB simple family (publication)

EP 2182689 A2 20100505; **EP 2182689 A3 20110601**; **EP 2182689 B1 20140618**; CN 102273098 A 20111207; CN 102273098 B 20140813; CN 104065459 A 20140924; CN 104065459 B 20170922; EP 2770656 A1 20140827; EP 2770656 B1 20180117; KR 101557676 B1 20151006; KR 20100048496 A 20100511; US 2010111107 A1 20100506; US 2017019227 A1 20170119; US 9461856 B2 20161004; US 9794035 B2 20171017; WO 2010050784 A2 20100506; WO 2010050784 A3 20100729

DOCDB simple family (application)

EP 09174645 A 20091030; CN 200980153532 A 20091030; CN 201410317324 A 20091030; EP 14168998 A 20091030; KR 20080107684 A 20081031; KR 2009006360 W 20091030; US 201615282214 A 20160930; US 61084909 A 20091102